| Work Order 1 July-10-12 2:50:34 | | | *870 | 74* | | | | | | Page 1 |
|---------------------------------|--|-----------------------------|----------------------|--------------------------|------------|--------------|---------------|--------------------|------------------|----------------|
| Revision ID: | 50-689-043 al High Back Seat Assembly | A | Accept | *N900 | 040 | 100 |)* s | etup Start Stop | ı V. | S1* S2* |
| | 0/12 Start Qty: 1.00 | *1* *1* | | Cust Item I Customer: | D: | | ١ | · | IVI | 7/ |
| Reference: | | · . | | | | - | R | tun Start | 4 N 11 | 7 4+ |
| Approvals: Pr | | te: <i>[]-[]-[[</i> .te: | Tooling: SPC (Y/N): | | ite: | | , | Stop | *NI | ₹1* ₹2* |
| Sequence ID/ Work Center ID | Operation Description | | Set Up/ Run Hours | Tool ID | Tool# | Plan Code | Accept Qty | | Reject Number | Insp. Stamp |
| Draw Nbr | Revision Nbr | ε. | | | | | | | | |
| IIN-D350-689 | В | | • | | | | | • | | |
| *100 *100* DC | DOCUMENT CONTROL Memo | | 0.00 | | | | NA | 1 | , , | |
| Document Control | Photocopy bluefile | and create labels per | PPP D350-689-043 C | CHG002 | | | | | | /K |
| 110 | Large Fab | | 0.00 | | | | ⊘ | | 0 |)).ie |
| *110* Large Fab | Memo Assemble as per III | N 350-689 | 0.00 | | | | | | <u># /</u> | Pか <i>></i> |
| 120 | QC5- Inspect part completeness | s to step on W/O | 0.00 | | | | | | | |
| *120* QC Quality Control | Memo | | 0.00 | 2/4/6 | | | to | | | |

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| | 12124 | lacapture was wilded | | | | | <i>[</i> |
| Part No | <u>D32</u> | PAR #: Fault Category: | NCR: Yes | | A : | Date: _ | |

| | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | | | | |
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| | Description of NC | | Corrective Action Section B | | Varification | Annuoval | Approval | | | | |
| STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Chief Eng | QC inspector | | | | |
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| NCR: | | V | VORK ORD | ER NON-CONFORMA | ANCE (NC | R) | | | |
| DATE | STEP | Description of NC | | Corrective Action Section | | Verific | cation | | Approval |
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| Work Ord <i>July-10-12 2:5</i> | | 7074 | | *870 | 74* | | | | | | Page 3 |
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| Item ID: Revision ID: | D350-689- | | | Accept | *N900040 | 1100 |)* | Setup | Start Stop | *N: | S1* |
| Item Name: Start Date: Required Date Reference: | 7/10/12 | Start Qty: 1.00 Req'd Qty: 1.00 | *1* *1* | | Cust Item ID: Customer: | | | | | *N: | 5/" |
| Approvals: | Process P | Plan: | Date: | Tooling: SPC (Y/N): | Date: | | | Run | Start Stop | *N *N | R1* R2* |
| Sequence ID/ Work Center 160 *160* QC Quality Control | ID | Operation Description QC5- Inspect part compl | eteness to step on W/O | Set Up/ Run Hours 0.00 Style 0.00 Jo 9-30 | Tool ID Tool # | Plan Code | Accept Qty | Rejo Qty | | Reject Number | Insp. Stamp |
| 170 *170* Packaging Packaging | | Identify as per dwg & St Memo | ock Location: PM | 0.00 | | | | 6, | 12/9 | 2/26 | <u></u> |
| 180 *180* | | QC21- Final Inspection | - Work Order Release | 0.00 | | | | | al | 9/2 | 6 |

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| NCR: | | | WORK ORD | ER NON-CONFORMA | NCE (NC | R) | | | |
| DATE | STEP | Description of NC | 1 | Corrective Action Section | on B Sigr | | cation | Approval | Approval |
| | J | Section A | Initial Chief Eng | Action Description Chief Eng | Da Da | | tion C | Chief Eng | QC Inspector |
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Page 1

Work Order ID:

87074

Parent Item:

D350-689-043

Parent Item Name:

Dual High Back Seat Assembly

Start Date: 7/10/12

Required Date: 8/24/12

Start Qty: 1.00

Required Qty: 1.00

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measu | | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|------------------|----------|-------------|--------------|---------------|----------------|--------|
| AN3-12A | | Purchased | No | 4-14 | | 150 | Each | 50.0000 | 3 | 3 | | | |
| Bolt | • | | | | | | | | · | | _ (| \leftarrow | |
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| D3016-041 | | Manufactured | No | | | 150 | Each | 0.0000 | 1 | _ 1 | | | |
| Seat Frame Assembly | | | | 4 | 16764X1 | | | | | E | 12-9-1 | / | |
| D3017-041 | | Manufactured | No | | , | 110 | Each | 0.0000 | 1 | _ 1 | . 0 | 111 | |
| Back Frame Assembly | 4 | | | 4 | 85761X1 | | | | | _EZ | 12-9- | /4 | |
| D3021-041 | | Manufactured | No | | | 150 | Each | 0.0000 | 1 | 1 م | | 1.1 | |
| Tube Assembly | | | 83 | 5762 | 86875X | ./ | | | · | A, | 12-9- | 14 | |
| D3022-1 | | Manufactured | No | | _ | 150 | Each | 3.0000 | 1 | _ 1 | | | |
| Seat Pan | | | | | | | | | | -EZ 1 | 12-9-1 | / | |
| | | | | Location | | Loc Oty | | Loc Code | | | | | |
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| D3023-1 Back Panel | Manufactured | No | 86096 | 110 | Each | 3.0000 |
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| | | | 82234 | | 3 | |
| D3024-1 | Manufactured | No | | 150 | Each | 4.0000 |
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| DATE | STEP | PRO | PROCEDURE CHANGE | | | | | | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| | | solution: | Disposit | ion: ' | _ QA; N/C | Clos | sed: | | Date: _ | |
| NCR: | | | WORK OR | DER NON-CONFORM | ANCE (N | CR) | | | | |
| DATE | STEP | Description of NC Section A | Initial | Action Description | | | | cation on C | Approval Chief Eng | Approval QC Inspector |
| | | | Chief Eng | Chief Eng | | ate | | <u></u> | | |
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July-10-12 2:50:33 PM

| Work Order ID: | 87074 | | | | | | | | | |
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| Parent Item: | D350-689-043 | | | | | | | Start | Date: 7/10/12 | Required Date: 8/24/12 |
| Parent Item Name: | Dual High Back Se | eat Assembly | | | | | | Start | Qty: 1.00 | Required Qty: 1.00 |
| 03031-1 00p | | Manufactured | No | | | 150 | Each | 11.0000 | 2 | 2 8668Y |
| оор | | | | Location | | Loc Qty | | Loc Code | | |
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| 3808-041 eat Rail Assembly | | Manufactured | No | | | 150 | Each | 2.0000 | 2 | 286135 by |
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| 03809-1 Sliding Block | | Manufactured | No | | | 150 | Each | 9.0000 | 4 | 4 - 6 |
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| 4S20600-AD4W2 Rivet | | Purchased | No | | | 110 | Each | 351.0000 | 40 | 40 /2/18 |
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| | R | esolution: | Dispositio | n: ' | QA: | N/C Clos | sed: | | Date: _ | |
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| DATE | STEP | Description of NC | 8*** . 5 | | | | | cation | Approval | Approval |
| | | Section A | Initial Chief Eng | Action Description Chief Eng | | Date | | on C | Chief Eng | QC Inspector |
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| Work Order ID: | 87074 | | | | | | | | | |
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| Parent Item: | D350-689-043 | | | | | | Start D | ate: 7/10/12 | | Required Date: 8/24/12 |
| Parent Item Name: | Dual High Back Se | eat Assembly | | | | | Start (| t Qty: 1.00 | | Required Qty: 1.00 |
| MS20600-AD4W3 Cherry Rivets | | Purchased | No | | 150 | Each | 1,254.0000 | 6 | 6 | 122452 |
| | | | | Location | Loc Qty | | Loc Code | | | • |
| | | | | ST314 | 560 | | | | | • |
| | | | | 122151 | 560 | | | | | |
| | | | | ST321 | 561 | | | | | |
| | | | | 111636 | 36 | | | | | |
| | | | | 117601 | 3 | | | | | |
| | | | | 118626 | 264 | | | | | |
| | | | | 120308 | 258 | | | | | |
| | | | | WA018 | 133 | | | | | 1 |
| | | | | 107939 | 133 | | | | | |
| MS21042L3 | | Purchased | No | | 150 | Each | 3,276.0000 | 17 | 17 | |
| vut | | | | | | | | | | - |
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| | | | | ST300 | 1276 | | | | | |
| | | | | 117885 | 32 | | | | | |
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| | | | | 119075 | 138 | | | | | |
| | | | | 121444 | 335 | | | | | |
| | | | | ST317 | 2000 | | | 1-04 | | |
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| MS21042L4 Nut | | Purchased | No | | 150 | Each | 1,177.0000 | 6 | 6 | 122452 6 1 |
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| | | | | ST300 | 1177 | | | | | • |
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| | | esolution: | | | | | | | Date: | | | | | | |
| NCR: | | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | | | | | | |
| DATE | STEP | Description of NC | Initial | Corrective Action Sec Action Description | tion B | Sign & | Verification | | Approval | Approval | | | | | |
| | | Section A | Chief Eng | Chief Eng | | Date | Secti | on C | Chief Eng | QC Inspector | | | | | |
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| Work Order ID: | 87074 | | | | | | | | | | |
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| Parent Item: | D350-689-043 | | | | | | Start I | Date: 7/10/12 | | Requir | ed Date: 8/24/12 |
| Parent Item Name: | Dual High Back Sea | at Assembly | | | | | Start | Qty: 1.00 | | Requi | red Qty: 1.00 |
| MS24693-S272 Screw | | Purchased | No | | 150 | Each | 253.0000 | 4 | 4 | _ | |
| | | | | Location | Loc Oty | | Loc Code | | | | |
| | | | | GA | 236 | | | | | | |
| | | | | 118352 | 236 | | | 1/83 | 52 | | |
| | | | | ST288 | 17 | | | | | | |
| | | | | 116391 | 11 | | | | | | |
| | | | | 116737 | 2 | | | | | | |
| | | | | 117977 | 4 | | | | | | 2 |
| MS24694-S148 Screw | | Purchased | No | | 150 | Each | 14.0000 | 4 | 4 | | |
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| | | | | ST289A | 14 | | | | _ , | | |
| | | | | 108960 | 14 | | | 168 | 160 | | 1 |
| MS24694-S3 Screw | | Purchased | No | | 150 | Each | 98.0000 | 8 | 8 | ~ | |
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| | | | | 118354 | 91 | | | 1/83 | 64 | | • |
| MS27039-1-17 | | Purchased | No | | 150 | Each | 111.0000 | 4 | | \ | |
| Screw | | i di chasca | | | | | | 6 | <u>.</u> | · · · · · · · · · · · · · · · · · · · | / |
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| | | Purchased | 140 | | 150 | Lacii | 24.0000 | v | 6 | | 1 aklik |
| Screw | | | | | | | | | | | U 17/18 |
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| Part No | | PAR #: | | | | | | | | | | | | |
| | R | esolution: | Disposition | on: ' | QA: I | N/C Clos | sed: | | Date: _ | | | | | |
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | | | | | | |
| DATE | STEP | Description of NC | | | tion B | Oi 0 | Verific | | Approval | Approval | | | | |
| | O.L. | Section A | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | Section | on C | Chief Eng | QC Inspector | | | | |
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| Work Order ID: | 87074 | | | | | | | | | |
|-------------------------|-------------------|-------------|----|----------|---------|------|------------|--------------|-----|------------------------|
| Parent Item: | D350-689-043 | | | | | | Start D | ate: 7/10/12 | | Required Date: 8/24/12 |
| Parent Item Name: | Dual High Back Se | at Assembly | | | | | Start | Qty: 1.00 | | Required Qty: 1.00 |
| MS27039-4-21 | | Purchased | No | | 150 | Each | 21.0000 | 6 | 6 | |
| Screw | | | | | | | | 4 | | 14/22402 1 0 |
| | | | | Location | Loc Oty | | Loc Code | | | • |
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| e C | | | | 114055 | 1 | | • | | | |
| | | | | 118429 | 20 | | | 1189 | 127 | 5% |
| NAS1149D0332J | | Purchased | No | | 150 | Each | 1,517.0000 | 17 | 17 | 122 973 L |
| Washer | | | | | | | | | | 12010 |
| | | | | Location | Loc Qty | | Loc Code | | | |
| | | | | ST297 | 930 | | | | | |
| | | | | 121708 | 930 | | | - | | |
| | | | | ST298 | 587 | | | | | |
| | | | | 105793 | 12 | | | | | |
| | | . 21% | | 110985 | 4 | | | | | |
| | | | | 117087 | 89 | | | | | |
| | | | | 119042 | 16 | | | | | |
| | | | | 119717 | 103 | | | | | |
| | | | | 120644 | 7 | | | | | |
| | | | | 121011 | 356 | | | | | |
| NAS1149D0432J WASHER | | Purchased | No | | 150 | Each | 159.0000 | 6 | 6 | N 6/4//8 |
| | | | | Location | Loc Qty | | Loc Code | | | |
| | | | | ST298 | 159 | | | | | • |
| | | | | 116583 | 121 | | | | ^ | |
| | | | | 116584 | 38 | | | 1165 | 83 | |

| Dart Ae | rospace L | _td | | | | | | | • • | • |
|---------|-----------|-------------------|----------------------|------------------------------|----------|----------------|--------|---------|-------------------------------------|--------------------------|
| W/O: | • [| | W | ORK ORDER CHAN | GES | | | | | |
| DATE | STEP | PRO | OCEDURE CH | ANGE | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | · -··- | | | | | | | |
| Part No | • | PAR #: | Fault Cate | egory: | NCR | : Yes 1 | lo DQ | A: | _ Date: _ | |
| | Res | solution: | Disposition | on: ' | QA: | N/C Clo | sed: | Date: _ | <u></u> | |
| NCR: | | | WORK ORE | ER NON-CONFORM | MANCE | (NCR) | | | | |
| DATE | CTED | Description of NC | | Corrective Action Se | ection B | | Verifi | cation | Approval | Approval |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | ו | Sign & Date | | ion C | Chief Eng | QC Inspector |
| | | | | | | | | | | |
| | | | | | 1 | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

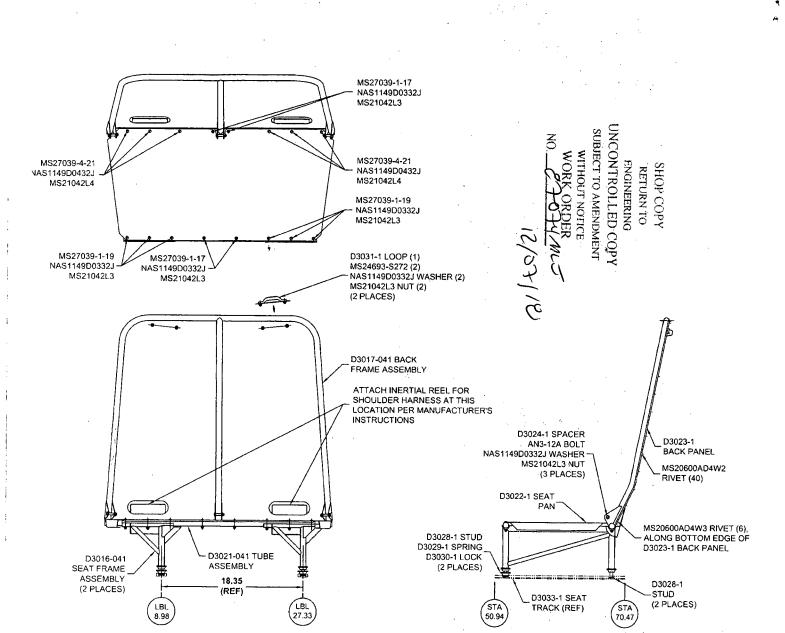


FIGURE 9: Installation of D350-689-041 Dual High Back Seat Assembly

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Revision: **B**

Date: 11.07.22

| | | | DQA: | Date: | |
|------|-------|----|-------------------------------------|-------|--|
| | | | | | |
| NCR. | Vec / | No | WORK ORDER NON-CONFORMANCE / UPDATE | | |

| NCR: | Yes | / No | | | | WORK ORDER NON-C | .ON | -OKI | VIANCE / UP | DATE | QA Closed: | Date | : | | | |
|---|-------------------------|---|--|------------------|--------|---|-------------------|---|---|---|--|---|--|--|--|--|
| Work Orde | er: | | | | | DISPOSITION | | | | AGAINST DE | PARTMENT | PARTMENT/PROCESS | | | | |
| Part N | - . No. | | | | | Rework Scrap Use-as-is Work Order Update | | | Skid-tube Machining noforming Large Fab | Crosstube Small Fab Finishing Composite | - | Water Jet d. Eng. Coor. re/Packaging Supplier | Engineering Quality Other | | | |
| Root | | | | | Descri | ption of work order update | Ini | itial | Ac | tion | Sign & | | | | | |
| Cause | | Date | Step | Qty | | or Non-conformance | Chie | f Eng | Desc | ription | Date | Verification | QC Inspector | | | |
| Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved | | | | | | | | | | | | | | | | |
| | | | | | | | AULT | CATE | GORY | | | | | | | |
| Landi | | Bending Centre No Cracks Crushed/O Cuffs Heat Trea Inspection Ripples in Torque W | Crimped t n Strip in Bend Vaves in E | Tube Extrusio | | General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing | H in in 2 2 2 0 0 | nstruct Mainte Mislabe Misread Offset Out of (| ion Incomplete ions Incomplete/ enance eled d | 'Unclear | Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V | ct issing Wrong | Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other | | | |
| 1 | Turning Sequence Finish | | | | | | | JUL OF 3 | Sequence | | | | | | | |

Outside Dimensions

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Wave/Twist in Tube

Folio

. . .

4. WEIGHT AND BALANCE

The following weight and balance information is for the Dart Dual High Back Seat Installation. The weight and balance of the parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

| | | LA | TERAL | LONG | GITUDINAL |
|------------------------------------|---------|----------|-------------|----------|------------|
| Installation | Weight | Arm | Moment | Arm | Moment |
| D350-689-011 Dual High Back Seat | 27.6 lb | -18.2 in | -502 in-lb | 60.7 in | 1675 in-lb |
| Installation, Fwd Position | 12.5 kg | -0.46 m | -5.8 m-kg | . 1.54 m | 19.3 m-kg |
| D350-689-013 Floor Provisions Kit, | 2.0 lb | -18.2 in | -36 in-lb | 60.7 in | 121 in-lb |
| Fwd Position | 0.9 kg | -0.46 m | -0.4 m-kg | 1.54 m | 1.4 m-kg |
| D350-689-011 Dual High Back Seat | 28.1 lb | -18.2 in | -511 in-lb | 63.7 in | 1790 in-lb |
| Installation, Aft Position | 12.7 kg | -0.46 m | -5.8 m-kg | 1.62 m | 20.57 m-kg |
| D350-689-013 Floor Provisions Kit, | 3.1 lb | -18.2 in | -56 in-lb | 62.2-in | 193 in-lb |
| Aft Position | 1.4 kg | -0.46 m | -0.6 m-kg | 1.58 m | 2.2 m-kg |
| D350-689-015 Seat Modification Kit | 1.0 lb | -17.2 in | -17 in-lb | 60.7 | 61 in-lb |
| | 0.5 kg | -0.44 m | -0.22 m-kg | ~ 1.54 m | 0.77 m-kg |
| D350-689-017 Shoulder Harness, | 4.4 lb | -18.2 in | -80.1 in-lb | 60.7 in | 267 in-lb |
| Fwd Position | 2.00 kg | -0.46 m | -0.92 m-kg | 1.54 m | 3.08 m-kg |
| D350-689-017 Shoulder Harness, Aft | 4.4 lb | -18.2 in | -80.1 in-lb | 64.7 in | 285 in-lb |
| Position | 2.00 kg | -0.46 m | -0.92 m-kg | 1.64 m | 3.28 m-kg |
| D350-689-019 Control Guard, Fwd | 0.5 lb | -9.0 in | -4.5 in-lb | 60.7 in | 30 in-lb |
| Position | 0.23 kg | -0.23 m | -0.05 m-kg | 1.54 m | 0.35 m-kg |
| D350-689-019 Control Guard, Aft | 0.5 lb | -9.0 in | -4.5 in-lb | 64.7 in | 32 in-lb |
| Position | 0.23 kg | -0.23 m | -0.05 m-kg | 1.64 m | 0.38 m-kg |
| D350-689-021 Dual High Seat Back | 29.2 lb | -18.2 in | -531 in-lb | 60.7 in | 1772 in-lb |
| Installation, LH Fwd Position | 13.2 kg | -0.46 m | -6.1 m-kg | 1.54 m | 20.3 m-kg |
| D350-689-021 Dual High Seat Back | 29.2 lb | -18.2 in | -531 in-lb | 64.7 in | 1889 in-lb |
| Installation, LH Aft Position | 13.2 kg | -0.46 m | -6.1 m-kg | 1.64 m | 21.6 m-kg |
| D350-689-023 Energy Attenuating | 2.5 lb | -18.2 in | -46 in-lb | 62.2 in | 156 in-lb |
| Floor Provisions Kit | 1.1 kg | -0.46 m | -0.5 m-kg | 1.58 m | 1.7 m-kg |

5. PARTS LIST

| Qty -011 | -013 | Qty -015 | Qty -017 | Qty -019 | Qty -021 | Qty -023 | Qty -041 | Qty -043 | Part Number | Description |
|-------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---|
| _X | | | | | | | | | D350-689-011 | DUAL HIGH BACK SEAT INSTALLATION, LH |
| 1 | X | | | | | | | L | D350-689-013 | FLOOR PROVISIONS KIT |
| | | Х | | | | | | | D350-689-015 | SEAT MODIFICATION KIT |
| | | | X | | | | | | D350-689-017 | SHOULDER HARNESS KIT |
| | | | | X | | | | | D350-689-019 | CONTROL GUARD KIT |
| | | | | | Х | | | | D350-689-021 | DUAL HIGH BACK SEAT INSTALLATION, LH |
| | | | | | 1 | Х | | | D350-689-023 | ENERGY ATTENUATING FLOOR PROVISIONS KIT |
| 1 | | | | | | | X | | D350-689-041 | DUAL HIGH BACK SEAT ASSEMBLY |
| | | | | | 1 | | | Х | D350-689-043 | DUAL HIGH BACK SEAT ASSEMBLY |
| | | | | | | | 2 | - | D204C 044 | |
| | | | | | | | | 2 | D3016-041 | SEAT FRAME ASSEMBLY |
| | | | ∔ | | | | 1 | 11 | D3017-041 | BACK FRAME ASSEMBLY |
| - | | · | | | 1 | | | | D3018-1 | SEAT CUSHION |
| 1 | | | | | _1_ | | | | D3019-1 | BACK CUSHION |
| | | | [| | | | _ 1 | 1 | D3021-041 | TUBE ASSEMBLY |
| | | | | | | | _ 1 | 1 | D3022-1 | SEAT PAN |
| | | | | | | | 1 | 1 | D3023-1 | BACK PANEL |
| | | | | | | | 3 | 3 | D3024-1 | SPACER |
| | _ 1 | | | | ĺ | | | | D3025-1 | BEAM |

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Revision: **B**

Date: 11.07.22

| | | | | DQA: | Date: |
|------|-------|----|-------------------------------------|------|-------|
| NCR: | Yes / | No | WORK ORDER NON-CONFORMANCE / UPDATE | | |

| | , | | | | | | | | | | | QA Closed: | Date | |
|---------------|-------------------------------------|----------|-----------|----------|--------|----------------------------|---------------------------|----------------------------|---------------------|----------------------|-----|---------------|----------------------------|---------------------|
| Work Ord | er: | | | | | DISPOSITION | | AGAINST DEPARTMENT/PROCESS | | | | | | |
| Part f | • | | | | | Rework Scrap | Scrap Machining Small Fab | | | | | | Water Jet d. Eng. Coor. | Engineering Quality |
| NCR I | Use-as-is NCR No. Work Order Update | | | | | | | | noforming Large Fab | Finishir Composit | | Rec/Stor | e/Packaging Supplier | Other |
| Root | | | | | Descri | ption of work order update | In | itial | Act | tion | | Sign & | | |
| Cause | 1 | Date | Step | Qty | (| or Non-conformance | Chie | f Eng | Descr | ription | | Date | Verification | QC Inspector |
| Doc/Data | | | | | | | | | | | - | | | |
| Equip/Tooling | | | | | | | | | | | | | | • |
| Operator | | | | | | | | | | | | | | |
| Material | | | | | | | 1 | | | , | | | | |
| Setup | | | | | | | | | | | | | | |
| Other | | | | | | | 1 | | | | | | | |
| Process | | | | | | | | | | | | | | |
| Supplier | | | | | | • | | | | | | | | |
| Training | | | t. | | | | 1 | | | | | | | |
| Unapproved | | | | | | | | | | | | | | |
| | | | | | | F | AULT | CATE | GORY | | | | | |
| Landi | ng Gea | r | | | | General | _ | | | | | | | |
| | Ве | nding | | | | Bend | | irain | | | | Ovalized | | Pressure/Forced |
| | Ce | ntre No | t Concer | ntric to | o/s | BOM/Route | L_ | lardwa | re | | · L | Over/Under | tolerance | Temperature/Cure |
| | Cr | acks | | | | Broken/Damaged | I | nspecti | on Incomplete | | | Part Incorred | ct | Weld |
| | Cr | ushed/C | Crimped. | | | Burrs | II | nstruct | ions Incomplete/ | Unclear | | Part Lost/Mi | ssing | Wrong Stock Pulled |
| | Cu | ffs | | | | Contamination | | ⁄lainte | nance | | | Part Moved | | |
| | Не | at Trea | t | | | Countersink | | ∕iislabe | led | | | Positioned V | Vrong | |
| | lns | pection | Strip in | Tube | | Cut Too Short | | ∕lisread | 1 | | | Power Loss/ | Surge | Other |
| | Rip | ples in | Bend | | | Drill Holes | | Offset | | | | | | |
| | То | rque W | aves in E | xtrusio | n 🗍 | Drawing | | Out of (| Calibration | | | | | |
| | Tu | rning Se | equence | | | Finish | | Out of S | Sequence | | | | | |
| | Wave/Twist in Tube Folio | | | | | Folio | Outside Dimensions | | | | | | | |

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| Qty -011 | -013 | Qty -015 | Qty -017 | Qty -019 | Qty -021 | Qty -023 | Qty -041 | Qty -043 | Part Number | Description | | |
|-------------|------|-------------|-------------|---------------------------------------|--------------|-------------|-------------|-------------|---------------|--|--|--|
| | 1 | | | | | 1 | | | D3026-1 | CHANNEL | | |
| | 1 | | | | | | | | D3027-1 | CLIP | | |
| | 1 | | | | | | | | D3027-3 | CLIP | | |
| | 1 | | | | | | | | D3027-5 | CLIP | | |
| | 4 | | | | | 4 | | | D3027-7 | CLIP | | |
| | | | | | | | 4 | | D3028-1 | STUD | | |
| | | 2 | | | | | 2 | | D3029-1 | SPRING | | |
| | | 2 | | | | | 2 | | D3030-1 | LOCK | | |
| | | | | | | | 2 | 2 | D3031-1 | LOOP | | |
| | 1 | | | | | | | | D3032-1 | SPACER | | |
| | 2 | 1 | | | | | | | D3033-1 | SEAT TRACK | | |
| | | 4 | | | | | | | D3059-1 | STUD | | |
| | | 4 | | | | | | | D3060-1 | BUSHING | | |
| | | 4 | | | | | | | D3061-1 | RADIUS BLOCK | | |
| | | | | 1 | | | | | D3084-3 | STRUT | | |
| | 1 | | | | | - | | | D3234-1 | DOUBLER | | |
| | 1 | | | | | 1 | | | D3234-3 | DOUBLER | | |
| | 2 | | | | | | | | D3234-5 | CDACED | | |
| | | | | | | | | 2 | D3808-041 | SEAT RAIL ASSEMBLY | | |
| | | | | | | | | 4 | D3809-1 | SLIDING BLOCK | | |
| | | | | | | 1 | | <u> </u> | D3811-041 | SEAT TRACK ASSEMBLY | | |
| | | | 2 | | | | | | D4071-041 | SHOULDER HARDNESS ASSY | | |
| | | | | | | | | | 31071071 | CHOCEBERTIARBNESS ASST | | |
| | | | | | | | 3 | 3 | AN3-12A | BOLT | | |
| | | | | 1 | | | | | AN4-12A | BOLT | | |
| | | | | 1 | | | | | AN4-20A | BOLT | | |
| | | | 2 | | | | | | AN5-4A | BOLT | | |
| | | | | | | | 40 | 40 | MS20600AD4W2 | RIVET | | |
| | | | | | | | 6 | 6 | MS20600AD4W3 | RIVET | | |
| |] | | | | | 9 | 17 | 17 | MS21042L3 | NUT (OR MS21042-3) | | |
| | | | | 2 | | | 6 | 6 | MS21042L4 | NUT (OR MS21042-4) | | |
| | | 4 | 2 | | | | | | MS21042L5 | NUT (OR MS21042-5) | | |
| | 12 | 4 | | | | | | | MS21059L3 | NUTPLATE | | |
| | | | | | | | 4 | 4 | MS24693-S272 | SCREW | | |
| | 2 | 1 | | | | | | | MS24693-S273 | SCREW | | |
| | | | | | - | | | 8 | MS24694-S3 | SCREW | | |
| 1 | | | | | | 9 | | | MS24694-S50 | SCREW | | |
| | | | | | | | | 4 | MS24694-S148 | SCREW | | |
| | 6 | 3 | | | | | | | MS27039-1-10 | SCREW | | |
| | | | | | | | 4 | 4 | MS27039-1-17 | SCREW | | |
| | | | | | | | 6 | 6 | MS27039-1-19 | SCREW | | |
| | | | | | | | 6 | 6 | MS27039-4-21 | SCREW | | |
| | 6 | 3 | | | | | 17 | 17 | NAS1149D0332J | WASHER (OR AN960JD10L) | | |
| | | | | 1 | | 9 | | | NAS1149D0363J | WASHER (OR AN960JD10) | | |
| | | | | 8 | | | | | NAS1149D0416J | WASHER (OR AN960JD416L) | | |
| | | | | · · · · · · · · · · · · · · · · · · · | | | 6 | 6 | NAS1149D04103 | WASHER (OR AN960JD416L) WASHER (OR AN960JD416) | | |
| | | | 4 | | | | | | NAS1149D0516J | WASHER (OR AN960JD516L) | | |
| | | 4 | | | | | + | | NAS1149D0563J | WASHER (OR AN960JD516L) WASHER (OR AN960JD516) | | |
| | | | | 2 | | | | | NAS43DD4-46N | SPACER | | |

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Revision: ${f B}$

Date: 11.07.22

| | | | DQA: Da | ate: |
|------|-------|----|-------------------------------------|------|
| NCR: | Yes / | No | WORK ORDER NON-CONFORMANCE / UPDATE | |

| | | | | | | | | | | | QA Closed: | Date | e: | |
|-------------------------|------------------------------|------|------|----------------------------------|---------------------------|----------|---------------------------------|--------------------------------|------------------------------|-----------|----------------------|---|---------------------------|---|
| Work Order: DISPOSITION | | | | | DISPOSITION | | AGAINST DEPARTMENT/PROCESS | | | | | | | |
| Part No. So | | | | | | | N Therm | Skid-tube Machining Informing | Crosstu Small F Finish | ab ing | | Water Jet d. Eng. Coor. e/Packaging | Engineering Quality Other | |
| NCR No. | | | | | Work Order Update | J | | Large Fab | Composite | | | Supplier | | |
| Root | | | | Description of work order update | | | Initial Action | | | • | Sign & | | | 1 |
| Cause | Date | Step | Qty | or Non-conformance | | | ef Eng Description | | | | Date | Verification | QC Inspector | |
| Doc/Data | | | | | | | | | | | | | | |
| Equip/Tooling | | | | | | | | | | | | | | |
| Operator | | | | | | | | • | | | | | | |
| Material | | | | | • | | | | | | | | | |
| Setup | | 1 | | | • | | | • | | | | | | |
| Other | | | | | | | | | | | | | | |
| Process | | | | | | | | | | | | | | |
| Supplier | | | | | | | | | | | | | | |
| Training | | 1 | | | | | | | | | • | | | |
| Unapproved | | | | | | <u> </u> | | | | | | <u> </u> | * | |
| | | | | | F | AULT | CATE | GORY | | | | · | | |
| Landir | ng Gear | | | | General | | | | | _ | 1 | F | | |
| 1 | Bending | | | | Bend | \vdash | Grain | | | | Ovalized | | Pressure/Forced | |
| | Centre Not Concentric to O/S | | | | BOM/Route | ⊢ | Hardware | | | | Over/Under tolerance | | Temperature/Cure | |
| 1 | Cracks | | | | Broken/Damaged | | Inspection Incomplete | | | | Part Incorrect | | Weld | |
| 1 | Crushed/Crimped. | | | | Burrs | | Instructions Incomplete/Unclear | | | <u> </u> | Part Lost/M | Wrong Stock Pulled | | |
| 1 | Cuffs | | | | Contamination | | Maintenance | | | | Part Moved | | | |
| 1 | Heat Trea | | | <u> </u> | Countersink Cut Too Short | | Mislabeled | | | - | Positioned Wrong | | | |
| ļ | Inspectio | | Tube | <u> </u> | | | Misread | | | | Power Loss/ | Surge | Other | _ |
| ļ | Ripples in Bend | | | | Drill Holes | | Offset | | | | | | | _ |
| ļ | Torque W | | | י 📙 | Drawing | | Out of Calibration | | | | | | | _ |
| ļ | Turning Sequence | | | | Finish | | Out of Sequence | | | | | | | |
| | Wave/Twist in Tube | | | | Folio | | Outside Dimensions | | | | | | | |

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